8. References

[1]. Grady, Leo, "Random walks for image segmentation.” Pattern Analysis and Machine Intelligence, IEEE Transactions, Vol. 28, No. 11, pp.1768-1783, (2006).

[2]. Shi, Jianbo, and Jitendra Malik, "Normalized cuts and image segmentation." Pattern Analysis and Machine Intelligence, IEEE Transactions, Vol. 22, No. 8, pp.888-905, (2000).

[3].Yang, Dongdong, RongFei, Junliang Yao, and Maoguo Gong, "An Efficient SAR Image Segmentation Framework Using Transformed Nonlocal Mean and Multi-Objective Clustering in Kernel Space, No.44, pp. 30-44, 2016.

[4]. Carvalho, Eduardo A., Daniela M. Ushizima, Fátima NS Medeiros, Charles Iury Oliveira Martins, Regis CP Marques, and I. N. S. Oliveira, "SAR imagery segmentation by statistical region growing and hierarchical merging.", Digital Signal Processing, Vol. 20, No. 5, pp.1365-1378, 2010.

[5]. Brown, William M, "Synthetic aperture radar.", IEEE Transactions on Aerospace and Electronic Systems, No. 2, pp.217-229, 1967.

[6]. Chen, Chung-Ching, and Harry C. Andrews, "Target-motion-induced radar imaging.", IEEE Transactions on Aerospace and Electronic Systems, No. 1, pp.2-14, 1980.

[7]. Smits, Paul C., and Silvana G. Dellepiane,"Synthetic aperture radar image segmentation by a detail preserving Markov random field approach.",IEEE Transactions on Geoscience and Remote Sensing, Vol. 35, No. 4, pp.844-857,1997.

[8]. Deng, Huawu, and David A. Clausi, "Unsupervised segmentation of synthetic aperture radar sea ice imagery using a novel Markov random field model.", IEEE Transactions on Geoscience and Remote Sensing ,Vol. 43, No. 3, pp.528-538,2005.

[9]. Galland, Frederic, Jean-Marie Nicolas, Helene Sportouche, Muriel Roche, Florence Tupin, and Philippe Refregier, "Unsupervised synthetic aperture radar image

segmentation using Fisher distributions.", IEEE Transactions on Geoscience and Remote Sensing, Vol. 47,No. 8, pp.2966-2972,2009.

[10]. Pal, Nikhil R., and Sankar K. Pal, “A review on image segmentation techniques.” Pattern recognition, Vol. 26, No. 9, pp.1277-1294.

[11]. Carvalho, Eduardo A., Daniela M. Ushizima, Fátima NS Medeiros, Charles Iury Oliveira Martins, Regis CP Marques, and I. N. S. Oliveira , "SAR imagery segmentation by statistical region growing and hierarchical merging." ,Digital Signal Processing , Vol. 20, No. 5, pp.1365-1378.

[12]. Cetin, Mujdat, and William Clem Karl, "Feature-enhanced synthetic aperture radar image formation based on nonquadratic regularization.", Image Processing, IEEE Transactions, IEEE Transactions , Vol.10, No. 4, pp.623-631,2001.

[13]. Tupin, Florence, Henri Maitre, J-F. Mangin, J-M. Nicolas, and Eugene Pechersky, "Detection of linear features in SAR images: application to road network extraction.” IEEE transactions on geoscience and remote sensing, Vol. 36, No. 2, pp.434-453, 1998.

[14]. Bamler, R. "Principles of synthetic aperture radar." Surveys in Geophysics, Vol. 21, No. 2-3, pp.147-157, 2000.

[15]. Tomiyasu, Kiyo, "Tutorial review of synthetic-aperture radar (SAR) with applications to imaging of the ocean surface." Proceedings of the IEEE, 66(5), pp.563-583, 1978.

[16]. Strozzi, Tazio, Paolo Farina, Alessandro Corsini, Christian Ambrosi, Manfred Thüring, Johannes Zilger, Andreas Wiesmann, UrsWegmüller, and Charles Werner, "Survey and monitoring of landslide displacements by means of L-band satellite SAR interferometry.", Landslides, Vol. 2, No. 3, pp. 193-201, 2005.

[17]. Chen, Xican, Woogeun Rhee, and Zhihua Wang, "Low power sensor design for IoT and mobile healthcare applications." China Communications, Vo.12, No. 5, pp. 42-54, (2015).

[18]. Bruno, Davide, Stephen E. Hobbs, and Giuseppe Ottavianelli, "Geosynchronous synthetic aperture radar: Concept design, properties and possible applications." ActaAstronautica ,Vol. 59, No. 1, pp.149-156, 2006.

[19]. Rosen, Paul A, Scott Hensley, Ian R. Joughin, Fuk K. Li, Soren N. Madsen, Ernesto Rodriguez, and Richard M. Goldstein, "Synthetic aperture radar interferometry." Proceedings of the IEEE, Vol. 88, No. 3, pp.333-382, 2000.

[20]. Lee, Jong-Sen, "Digital image enhancement and noise filtering by use of local statistics" IEEE transactions on pattern analysis and machine intelligence, No. 2, pp.165-168, 1980.

[21] Atzori, Luigi, Antonio Iera and Giacomo Morabito, "The internet of things: A survey", Computer networks, Vol.54, No.15, pp.2787-2805, 2010.

[22] Atzori L, Iera A, Morabito G and Nitti M, "The social internet of things (siot)–when social networks meet the internet of things: Concept, architecture and network characterization", Computer Networks, Vol.56, No.16, pp.3594-608, 2012.

[23] Gubbi J, Buyya R, Marusic S and Palaniswami M, "Internet of Things (IoT): A vision, architectural elements, and future directions", Future Generation Computer Systems. 2013 Sep 30; Vol.29, No.7, pp.1645-1660, 2013.

[24] Miorandi D, Sicari S, De Pellegrini F and Chlamtac I, "Internet of things: Vision, applications and research challenges", Ad Hoc Networks, Vol.10, No.7, pp.1497-516, 2012.

[25]. Lee, Jong-Sen, and Igor Jurkevich, "Coastline detection and tracing in SAR images." IEEE Transactions on Geoscience and Remote Sensing, Vol.28, No. 4, pp. 662-668, 1990.

[26]. Ceccarelli, Michele, and Alfredo Petrosino, "Multi-feature adaptive classifiers for SAR image segmentation." Neurocomputing, Vol. 14, No. 4, pp. 345-363, 1997.

[27]. Descombes, Xavier, Miguel Moctezuma, Henri Maitre, and Jean-Paul Rudant, "Coastline detection by a Markovian segmentation on SAR images." Signal Processing, Vol. 55, no. 1, pp. 123-132, 1996.

[28]. Franklin, S. E., M. A. Wulder, and M. B. Lavigne, "Automated derivation of geographic window sizes for use in remote sensing digital image texture analysis." Computers & Geosciences, Vol. 22, No. 6, pp. 665-673, 1996.

[29]. Dubuisson-Jolly, M-P., and Alok Gupta, "Color and texture fusion: application to aerial image segmentation and GIS updating." Image and Vision computing, Vol. 18, No. 10, pp. 823-832, 2000.

[30]. Choi, Hyeokho, and Richard G. Baraniuk, "Multiscale image segmentation using wavelet-domain hidden Markov models." IEEE Transactions on Image Processing, Vol. 10, No. 9, pp. 1309-1321, 2001.

[31]. Du, Gan, and Tat Soon Yeo, "A novel lacunarity estimation method applied to SAR image segmentation." IEEE Transactions on Geoscience and Remote Sensing, Vol. 40, No. 12, pp. 2687-2691, 2002.

[32]. Tourneret, Jean-Yves, Michel Doisy, and Marc Lavielle, "Bayesian off-line detection of multiple change-points corrupted by multiplicative noise: application to SAR image edge detection." Signal Processing, Vol. 83, No. 9, pp. 1871-1887, 2003.

[33]. Grady, Leo, and Gareth Funka-Lea, "Multi-label image segmentation for medical applications based on graph-theoretic electrical potentials." In Computer Vision and Mathematical Methods in Medical and Biomedical Image Analysis, pp. 230-245, 2004

[34]. Dong, Guo, and Ming Xie, "Color clustering and learning for image segmentation based on neural networks." IEEE transactions on neural networks, Vol.16, No. 4, pp. 925-936, 2005.

[35]. Ma, Miao, Jianhui Liang, Min Guo, Yi Fan, and Yilong Yin, "SAR image segmentation based on Artificial Bee Colony algorithm." Applied Soft Computing, Vo.11, no. 8, pp. 5205-5214, 2011.

[36]. Zhang, Xiangrong, Licheng Jiao, Fang Liu, Liefeng Bo, and Maoguo Gong, "Spectral clustering ensemble applied to SAR image segmentation." IEEE Transactions on Geoscience and Remote Sensing, Vol.46, No. 7, pp. 2126-2136, 2008.

[37]. Jobanputra, Rishi, and David A. Clausi, "Preserving boundaries for image texture segmentation using grey level co-occurring probabilities." Pattern Recognition, Vol.39, No. 2, pp. 234-245, 2006.

[38]. Fan, Guoliang, and Xiang-Gen Xia, "A joint multicontext and multiscale approach to Bayesian image segmentation." IEEE transactions on geoscience and Remote Sensing , Vol. 39, No.12, pp. 2680-2688, 2001

[39]. Yu, Yongjian, and Scott T. Acton, "Speckle reducing anisotropic diffusion." IEEE Transactions on image processing, Vol. 11, No. 11, pp.1260-1270, 2002.

[40]. Ning, Jifeng, Lei Zhang, David Zhang, and Chengke Wu, "Interactive image segmentation by maximal similarity based region merging." Pattern Recognition, Vol. 43, No. 2, pp. 445-456, 2010.

[41]. Li, Ming, Yan Wu, and Qiang Zhang, "SAR image segmentation based on mixture context and wavelet hidden-class-label Markov random field." Computers & Mathematics with Applications, Vol. 57, No.6, pp. 961-969, 2009.

[42]. Lakshmanan, V., R. Rabin, and V. DeBrunner, "Multiscale storm identification and forecast." Atmospheric Research, Vol. 67, pp. 367-380, 2003.

[43]. Xia, G-S., C. He, and H. Sun, "Integration of synthetic aperture radar image segmentation method using Markov random field on region adjacency graph."IET Radar, Sonar & Navigation, Vol. 1, No5, pp. 348-353, 2007.

[44]. Wang, Xiang-Yang, Ting Wang, and Juan Bu, "Color image segmentation using pixel wise support vector machine classification." Pattern Recognition, Vol. 44, No. 4, pp. 777-787, 2011.